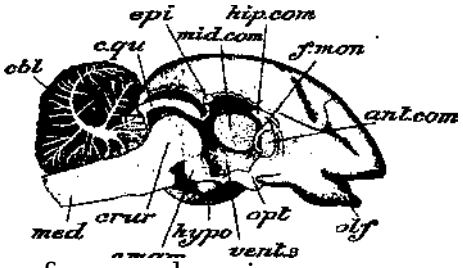
of the Marsupials as "singularly specialised characters/' in no way intermediate in character. This view applies also to the pouch, which, as already stated, distinguishes the adults of that group. But the impossibility of using this last character as one of any importance has been shown by the discovery of rudiments of it in. embryos of undoubtedly Eutherian mammals (see p. 18).

Less stress is laid now upon the existence of



four molars in the Marsupials as dividing them

from the higher mammals than was formerly the case. The total identi-

ion of the group is on the whole com-posed of more numer-ous individ

ual teeth than in the typical Euthe ria; but we have

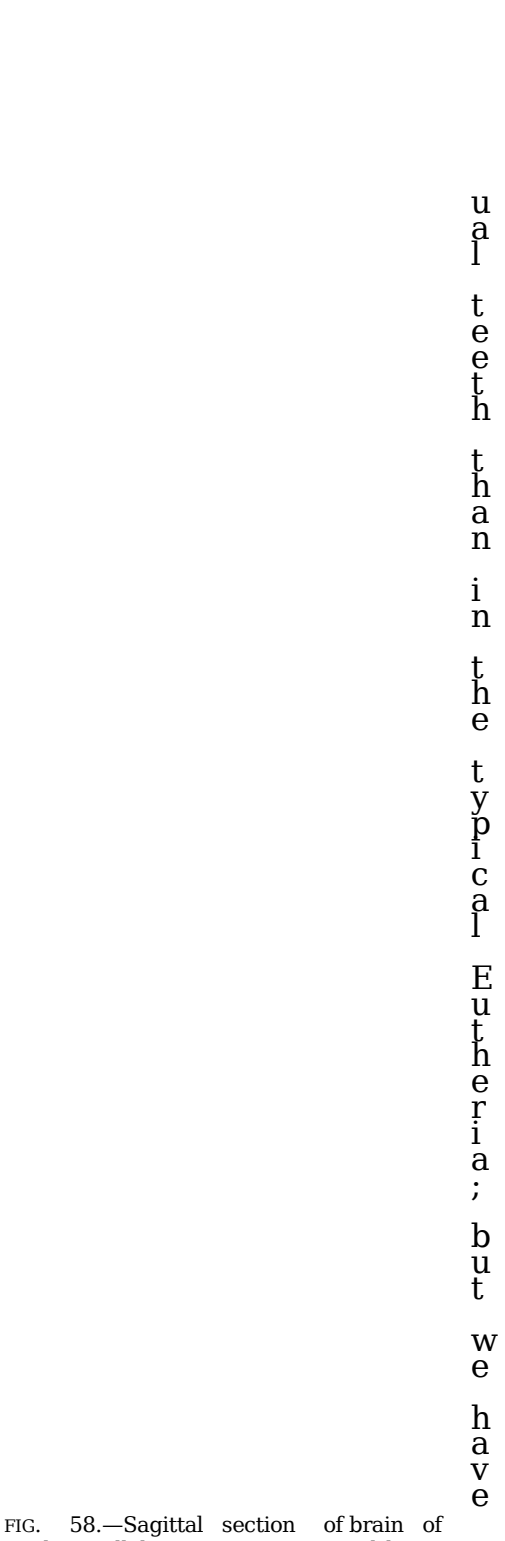


FIG. 58.—Sagittal section of brain of Rock Wallaby (Petroyale penicillwta). exceptions like the Anterior uommis- -rrrv...i«„ ant.com, t-/\p Arrni sure ; *cbl,* cerebellum ; *c.vutm*ₜ corpus mammillare ; ᵛᵛ ᴵᴵᶜᵁᶠᶜᶦˢJ ^iit/ -xirmti- *c.yu,* corpora quadrigenmia ; *crur,* crura cerebri ; dillo *JPrtodonteS,* and *epi,* epiphy.sis, with the posterior commissure im- , , •..- , mediately behind it ; *f.nwrt,* position of foramen of*"ᵉ IVianatee ; or Monro ; *hip.com,* luppocarupal commissure, consist-better, because free ing here of two layers continuous behind at the ᶜ , , . „ spleneiura, somewhat divergent in front where the irom tne suspicion OI septnm lueidum extends between them ; *hypo,* hypo- Becondary multiplica- physis ; *med,* medulla oblongata ; *mid.com,* middle ʃ ˣ commissure ; *olf,* olfactory lobe ; *o$)t,* optic

chiasma ; tion, *OtOCyon* and OCCa-
tient. 3, third ventricle. (From Parker
awd Haswell'ft sionallv Taccordillff to
M
r, Thomas) *Centetes.*
In the last two there are at least sometimes four molars.

On the other hand, a few archaic characters of some import-
ance crop up here and there among the Marsupials, which are sometimes held to point to a primitive ancestry. It has been
remarked that in Marsupials it is the fourth toe which is dominant
in size, whereas in Ungulates it is the third. An attempt has been made to explain, this on the view (reasonable enough in
itself) of a tree-living ancestry for the group. A greater develop-
ment of the fourth toe Is, however, by no means a necessary
character of arboreal creatures ; the Primates themselves are an exception. Nor is this prevalence universal among the Marsupials;